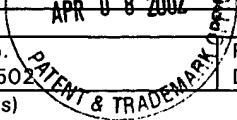


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(4)

<div style="display: flex; justify-content: space-between;"> <div>  </div> <div> TRANSMITTAL LETTER </div> </div>				Case No. 8285/488
Serial No. 10/038,502	Filing Date December 20, 2001	Examiner Not Yet Assigned	Group Art Unit 2184	
Inventor(s) COSTA				
Title of Invention METHOD AND SYSTEM FOR PROVIDING CONTROLLED IMPAIRMENTS TO AN OPTICAL TRANSPORT SYSTEM				

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Information Disclosure Statement (2 pages); Form PTO-1449 (1 page); 6 U.S. References; Postcard Receipt.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a _____ month extension of time.
- ☐ No additional fee is required.
- ☐ The fee has been calculated as shown below:

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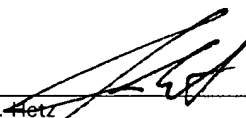
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra
Total		Minus		
Indep.		Minus		
First Presentation of Multiple Dep. Claim				

Small Entity	
Rate	Add'l Fee
x \$9 =	
x 42 =	
+ \$140 =	
Total add'l fee	\$

Other Than Small Entity	
Rate	Add'l Fee
x \$18 =	
x \$84 =	
+ \$280 =	
Total add'l fee	\$

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$_____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



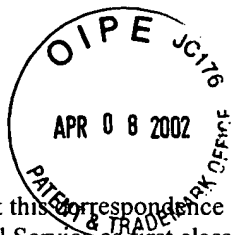
Joseph F. Hetz
Registration No. 41,070
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on April 2, 2002.

Date: April 2, 2002

Signature: _____




I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on April 2, 2002

Date of Deposit

Joseph F. Hetz - Reg. No. 41,070

Name of Applicant, Assignee or
Registered Representative


Signature

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Our Case No. 8285-488

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Costa)	
)	Group Art Unit: 2184
Serial No.: 10/038,502)	
)	
Filed: December 20, 2001)	
)	
For: Method and System for Providing)	
Controlled Impairments to an)	
Optical Transport System)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

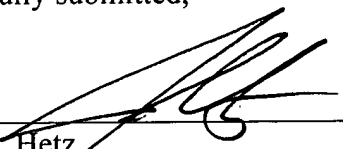
Sir:

Pursuant to the obligation under 37 C.F.R. § 1.56 and in conformance with 37 C.F.R. §§ 1.97-1.99, Applicants hereby submit documents A1-A6 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of these documents are enclosed. The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

Further, Applicants reserve the right to contest that any of these documents is prior art against the present application.

Dated: April 2, 2002

Respectfully submitted,



Joseph F. Hetz
Reg. No. 41,070
Attorney for Applicants

BRINKS HOFER
GILSON & LIONE
P.O. Box 10395
Chicago, Illinois 60610
(312) 321-4719



FORM PTO-1449	SERIAL NO. 10/038,502	CASE NO. 8285/488
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE December 20, 2001	GROUP ART UNIT 2184
(use several sheets if necessary)		APPLICANT(S): COSTA

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,287,606	09/01/81	LUTES, JR. ET AL.		
	A2	5,353,147	10/04/94	GRIMES		
	A3	5,561,714	10/01/96	HERSHBERGER		
	A4	5,646,997	07/08/97	BARTON		
	A5	6,144,786	11/07/00	CHETHIK		
	A6	6,266,172	07/24/01	ZIRNGIBL		

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APR 09 2002
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.